

Title (en)
BREATHING ASSISTANCE APPARATUS

Title (de)
ATMUNGSUNTERSTÜTZUNGSVORRICHTUNG

Title (fr)
APPAREIL D'ASSISTANCE RESPIRATOIRE

Publication
EP 3877025 A4 20220810 (EN)

Application
EP 19881231 A 20191105

Priority
• IB 2019059462 W 20191105
• US 201862755928 P 20181105

Abstract (en)
[origin: WO2020095185A1] A breathing assistance apparatus 10 has a housing 100 with a recess 108. A guard 200 is mounted to the housing 10, the guard having a base 201 and a barrier 251. At least part of the base 201 is flexible. The barrier 251 is movable between a covering position in which the barrier 251 partly covers the recess 108 and an access position in which the recess 108 is less covered or is uncovered by the barrier 251. Said at least part of the base 201 is configured to flex as the barrier 251 is moved between the covering position and the access position.

IPC 8 full level
A61M 16/00 (2006.01)

CPC (source: AU CN EP US)
A61M 16/0666 (2013.01 - CN US); **A61M 16/109** (2014.02 - CN US); **A61M 16/16** (2013.01 - AU CN EP US); **A61M 16/162** (2013.01 - AU EP); **A61M 16/00** (2013.01 - AU EP); **A61M 16/0057** (2013.01 - EP); **A61M 16/024** (2017.08 - EP); **A61M 16/04** (2013.01 - EP); **A61M 16/0666** (2013.01 - AU); **A61M 16/0672** (2014.02 - EP); **A61M 16/109** (2014.02 - AU EP); **A61M 16/1095** (2014.02 - EP); **A61M 2016/0027** (2013.01 - EP); **A61M 2016/0033** (2013.01 - EP); **A61M 2205/3368** (2013.01 - EP); **A61M 2205/505** (2013.01 - EP); **A61M 2209/045** (2013.01 - EP); **A61M 2240/00** (2013.01 - EP)

Citation (search report)
• [A] WO 2016097928 A1 20160623 - KONINKL PHILIPS NV [NL]
• [A] US 2008302361 A1 20081211 - SNOW JOHN MICHAEL [AU], et al
• [A] WO 2007038152 A2 20070405 - RIC INVESTMENTS LLC [US]
• [A] US 2009194106 A1 20090806 - SMITH IAN MALCOLM [AU], et al
• [A] US 2017151411 A1 20170601 - OSBORNE HAMISH [NZ], et al
• [A] WO 2016207838 A1 20161229 - FISHER & PAYKEL HEALTHCARE LTD [NZ]
• [A] WO 2011056080 A1 20110512 - FISHER & PAYKEL HEALTHCARE LTD [NZ], et al
• [A] WO 2014138804 A1 20140918 - RESMED LTD [AU]
• [A] US 7327949 B1 20080205 - CHENG YAO-MING [TW], et al
• [A] WO 2013045586 A1 20130404 - HAMILTON BONADUZ AG [CH]
• See also references of WO 2020095185A1

Cited by
EP4233959A2

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WO 2020095185 A1 20200514; AU 2019375540 A1 20210506; CN 113056300 A 20210629; CN 114504713 A 20220517; EP 3877025 A1 20210915; EP 3877025 A4 20220810; EP 3877025 B1 20230809; EP 4233959 A2 20230830; EP 4233959 A3 20231115; JP 2022506405 A 20220117; JP 7495402 B2 20240604; SG 11202104507W A 20210528; US 2021370014 A1 20211202

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